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Frank J. Wilson.  
Emmett Whealen.  
Joseph M. Fitzgerald.  
Bartley Burg.  
Albert Nowak.  
Daniel Ryan.  
John Budinger.  
County District:  
William Busse.  
Joseph Carolan.  
Dudley D. Pierson.  
George A. Miller.  
William H. McLean.  
Committee Clerk Peter J. Ellert.  
Room 537, Court House.  
Address all commissioners Room 537, County Building.  
Henry A. Zender, Superintendent of Public Service.  
**Shasiff—**  
Charles W. Peters.  
**County Treasurer—**  
Harry R. Gibbons.  
Jacob Lindheimer, Assistant Treasurer.  
**Recorder of Deeds—**  
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**Registrar of Titles (Torrens System)—**  
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F. R. Stainer, Chief Clerk.  
R. 130, 1st floor, County Building.  
**County Clerk—**  
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John H. Mack, Chief Deputy.  
John P. Keever, Chief Bookkeeper.  
J. S. Mayer, Chief Cashier.  
Louis C. Legner, Chief Marriage License Department.  
James G. Wolcott, Chief Tax Redemption Department.  
M. J. Browne, Chief Map Department.  
Daniel Herlihy, Chief Election Department.  
R. 233, 2nd floor, County Building.  
Martin J. O'Brien, Chief of Tax Extension Department.  
Frank L. Padeloup, Head Clerk.  
R. 217, 2nd floor, County Building.  
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William J. Graham, Deputy Comptroller.  
M. J. O'Connor, Chief Clerk.  
R. 511, 5th floor, County Building.  
**Clerk of the County Court—**  
Robert M. Switzer.  
George L. McConnell, Chief Clerk.  
J. G. H. Meyer, Chief Insanity Division.  
R. 600, 6th floor, County Building.  
**County Agent—**  
Wm. H. Ehemann, 213 South Peoria Street.  
**Cook County Hospital—**  
Cor. of Harrison and Wood Sts., Chicago, Ill.  
Michael Zimmer, Warden.  
**Oak Forest Institution—**  
Henry L. Bailey, Superintendent.  
Mail P. O. Oak Forest, Ill.  
**Public Welfare Bureau—**  
Amelia Sears, Director.  
R. 722, 7th floor, County Building.  
**Ceremonies—**  
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David R. Jones, First Assistant.  
R. 500, 5th floor, County Building.  
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August W. Miller.  
Louis Hutt, Chief Deputy.  
Otto Besserer, Chief Clerk.  
R. 412, 4th floor, County Building.  
**Clerk of Juvenile Court—**  
August W. Miller.  
Edward R. Arkemaw, Chief Clerk.  
R. 1007, 10th floor, County Building.  
**Clerk of the Superior Court—**  
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Leonard A. Brundage, Chief Deputy.  
James French, Chief Clerk.  
R. 437, 4th floor, County Building.  
**Clerk of the Criminal Court—**  
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Robert R. Levy, Chief Clerk.  
Criminal Court Building, cor. Michigan St. and Dearborn Ave.  
**Clerk of Probate Court—**  
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R. 625, 6th floor, County Building.  
**Clerk of the Appellate Court—**  
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John E. Connerty, Chief Deputy.  
R. 1400, Michigan Blvd. Building.  
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Edward R. Litzinger.  
Stephen D. Griffin, Chief Clerk.  
William P. Feeney, Assistant Chief Clerk.  
R. 337, 3d floor, County Building.  
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George K. Schmidt.  
W. H. Weber.  
Adam Wolf.  
Chas. Krutkoff.  
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James M. Whalen, Secretary.  
Edith H. Peck.  
William F. Feohrman, Office Secretary.  
R. 547, 5th floor, County Building.

**County Superintendent of Schools—**  
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P. 566, 5th floor, County Building.  
**State's Attorney—**  
Macley Hoyle.  
M. F. Sullivan, First Assistant.  
Criminal Court Building.  
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R. 507, 5th floor, County Building.  
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**Illinois Supreme Court—**  
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R. 1022, 10th floor, County Building.  
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William E. Dever.  
Jesse Holdom.  
R. 1400, Michigan Blvd. Building.  
Branch 2.  
Charles A. McDonald.  
John P. McGorty.  
Albert H. Barnes.  
R. 1400, Michigan Blvd. Building.  
Branch 3.  
Thomas Taylor, Jr.  
Clarence N. Goodwin.  
R. 1400, Michigan Blvd. Building.  
**Judge of Probate Court—**  
Henry Horner.  
**Judge of County Court—**  
James T. Burns.  
**Judge of Juvenile Court—**  
Merritt W. Pinckney.  
**Judges of Superior Court—**  
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Theodore Brentano.  
Joseph Sabath.  
Wm. Fenimore Cooper.  
William E. Dever.  
Joseph H. Fitch.  
Charles M. Foell.  
Jacob H. Hopkins.  
Martin M. Griddle.  
Marcus A. Kavanagh.  
Charles A. McDonald.  
M. L. McKinley.  
William H. McSurely.  
John M. O'Connor.  
Hugo Pan.  
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John J. Sullivan.  
Joseph E. David.  
Oscar Hebel.  
**Extra Judges—**  
10th floor, County Building.  
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Robert E. Crowe.  
Jesse Baldwin.  
George F. Barrett.  
David M. Brothers.  
Jesse Holdom.  
Frank Johnston, Jr.  
George Kersten.  
David P. Matchett.  
John P. McGorty.  
Merritt W. Pinckney.  
Kirkham Scanlan.  
Frederick A. Smith.  
Thomas Taylor, Jr.  
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Richard S. Tutill.  
Charles M. Walker.  
Thomas G. Windes.  
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Otto Fomel.  
Chas. W. Seiworth.  
Chas. L. Caswell, Chief Clerk.  
R. 824, 8th floor, County Building.  
**Chicago Law Institute and Library—**  
10th floor, County Building.  
William Holden, Librarian.  
**County Supt. of Highways—**  
George A. Quinlan.  
R. 325, 3rd floor, County Building.  
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Chas. H. Sengel.  
**Trustees of Sanitary District—**  
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Patrick J. Carr.  
Wallace G. Clark.  
Harry R. Little.  
Chas. H. Sengel.  
George W. Paulin.  
W. O. Nance.  
James H. Lawley.  
M. A. Mueller.  
909 S. Michigan Ave. (Karpis Building). Telephone Wabash 1320.  
**Cook County Building—**  
Occupies block, Randolph, Washington, Clark and La Salle Sts.  
John Czekala, Custodian.  
**Criminal Court Building—**  
Cor. Michigan and Dearborn Ave.  
Jacob Pomerantz, Custodian.  
**Cook County Jail—**  
Criminal Court Building, Dearborn Ave., between Michigan and Illinois St.  
William T. Davies, Jailor.  
**County Surveyor—**  
Harry Emerson.  
R. 425, 4th floor, County Building.  
**County Architect—**  
Eric E. Hall.  
139 N. Clark St.  
**Judge Charles A. McDonald is making a splendid record on the Superior Court bench. He is a conscientious and fair-minded judge.**  
**Fred W. Upham would make a splendid United States Senator if he would consent to make the race for that position.**

# AUTO NEWS

## USEFUL LIGHTER FOR GAS TORCH

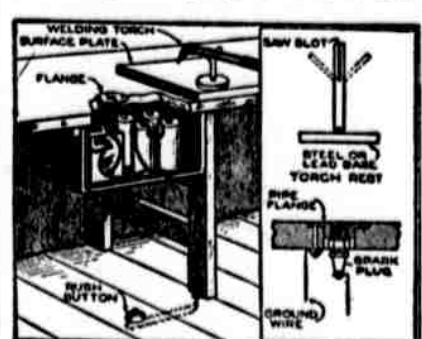
Danger of Fire and Unnecessary Waste of Gas Is Prevented by Contrivance.

## SPARK PLUG IS MADE USE OF

Connected With Coil and Battery Eliminating Necessity of Leaving Torch Burning—Advantageous in Various Shops.

It is the practice in some shops to leave a welding torch burning with a small flame when it is not in use, owing to the time required for lighting it. Aside from the danger of fire caused by this custom, it always wastes more or less gas, which is unnecessary if some apparatus such as that shown in the sketch is provided.

**Arrangement of Battery.**  
Underneath the bench, in a box mounted for the purpose, are placed four or five dry cells, connected in the usual way to a jump-spark coil, such



A Spark Plug, Sunk in the Bench, and Connected to a Coil and Battery of Dry Cells, Eliminates the Necessity of Leaving the Torch Burning.

as used on automobiles or stationary gas engines. The high-tension terminals of the spark coil are connected to a spark plug, mounted as shown in the detail, so that the points are flush with the bench. In the primary circuit is connected a push button, which may be located on the floor, preferably sunk into it, so as to project no farther than the necessary distance for pushing the button with the foot. The torch is lighted by turning on the gas and bringing the nozzle near the spark plug, at the same time pressing the button with the foot. The time required for this operation is practically none, after the workman has become familiar with the location of the button and spark plug. In the upper right-hand corner of the sketch is shown a simple method of making a stand or rack for the torch, which will be handy in connection with the lighting apparatus.

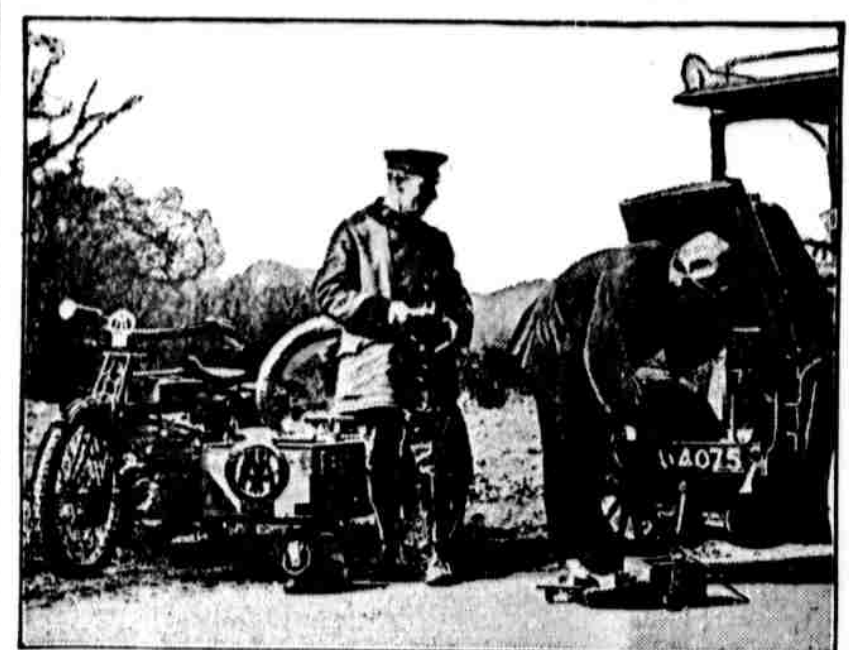
**Safety Most Important.**  
While the gas saved is perhaps a small item, the element of safety is more important, and since the amount of current used is very small, the apparatus will be advantageous in many shops where the all-around usefulness of a welding torch is appreciated.—C. C. Spreen, Detroit, Mich., in Popular Mechanics Magazine.

## ROPE IS GOOD SUBSTITUTE

Some Emergency Device Is Often Necessary After Shower to Prevent Car Skidding.

A summer shower occasionally makes it necessary for the driver of a passenger automobile or a truck to use some emergency device to prevent the skidding and slipping of the wheels. At such a time it always happens that the tire chains are in the garage and some makeshift has to be provided. One tire company suggests that in such an emergency a rope wrapped around the tire at intervals will give the traction necessary and will do even less injury to the tires than chains. The rope should be reeved through the spokes and tied securely.

## FIRST AID TO MOTORISTS AND VEHICLES IS PROVIDED BY ENGLISH ASSOCIATION



Motorcycles Are Fully Equipped With Essentials for Light Repairs.  
First aid to the motorists and their vehicles is provided by the Automobile Association of England, which is utilizing motorcycles fitted with spare tires and tubes necessary for light repairs; also a stretcher for emergency. These motorcycles work in conjunction with the A. A. roadside telephones and will respond to calls from motorists anywhere within a radius of 30 miles from the A. A. phone.

## PHYSICIANS' TEST IS USED ON MOTOR CARS

Stethoscope Employed to Examine Hearts of Machines.

Expert Tester Inspects Power Plant of Modern Automobile With Much Precision—Slightest Unnatural Sound Detected.

Automobile engineers in their never-ceasing efforts to attain the highest degree of perfection in motors have invaded the field of surgery to obtain an instrument which will aid them.

The stethoscope is the instrument which has found its way into the automobile industry. It is being utilized in the final test department of numerous motor car factories.

The motor of nearly every car is today subjected to the "stethoscope test" before the car is permitted to leave the factory. In the same manner that the physician employs this instrument in examining the heart—the power plant—of a patient, for "murmurs," the expert tester examines the power plant of the modern automobile.

With the ends of the stethoscope tubes in his ears, the mechanic "goes over" the motor with precision. Just as the doctor oftentimes puts the person being examined through certain physical exercises, the motor is put through its various paces and speeds, the tester meanwhile sounding it out with his instrument.

If the results of the examination are not absolutely satisfactory, the tester diagnoses the trouble and recommends the remedy. The stethoscope tests are conducted in what are known as silent rooms. These rooms, though in the heart of the factory, are isolated in such a manner as to be practically sound-proof. There, with the aid of the stethoscope, the trained ear of the mechanic can detect the slightest unnatural sound in a motor.



Change your tires from wheel to wheel.

Glance both ways on each cross street, and if you're not on the main thoroughfare slow down before you cross.

Do not fail to test your battery with a hydrometer every week. A reading of 1.150 to 1.175 shows that battery is discharged.

Springs are easily lubricated by jacking up the body of a car and separating the leaves with a screw-driver or leaf-spreading tool.

Avoid aimless and unnecessary use of cars; do a number of errands in one trip; carry purchases home in the car to reduce deliveries by the stores.

When brakes squeak it is usually due to dirt forced into the lining fabric when pressed against the drum. Often this dirt can be washed out with kerosene.

When putting on new tires, where all are the same size, put them on the rear wheels and the half-worn ones on the front wheels—they will last longer.

If gears or differential become noisy a temporary relief may be obtained by using a heavier oil or grease, but this trouble comes back as the lubricant gets low.

Stop when the street car ahead of you stops, and stand still till all passengers getting off are out of the street. In most cities this is required by ordinance.

**EAGLETS**  
Coriglia Brothers' fine restaurant, at the Southwest corner of Orleans & Illinois streets, is a great favorite with hundreds of the big business men and manufacturers in the vicinity. Coriglia Brothers have long held a great name for their unrivaled Italian cooking. Their Spaghetti and Ravioli have won well deserved reputations on account of their excellence.

Sidney Adler, the well known lawyer, is in the front rank of boomers or his native city—Chicago.

A new bulletin of information of the Oscar Deis School of Artistic Piano Playing is just off the press. Write for same, 218 South Wabash avenue.

The city department of gas and electricity never was in better hands than it is now. William G. Keith, the commissioner, is an able, honest, and progressive man.

William H. Lyman, the popular former senator and alderman, is at the head of the big public contracting firm of W. H. Lyman & Co.

Calvin F. Craig, the able president of the Mechanics & Traders State Bank, deserves great credit for the well deserved popularity of that big West Side institution.

Samuel R. Kaufman the popular president of the famous Congress Hotel Company and head of the great Congress Hotel, is one of the most public spirited citizens of Chicago who is always keenly alive on everything uplifting the city and a broad minded man of affairs who makes everyone who patronizes his hotel happy.

Francis J. Dewes, the well known brewer, was the man who presented the magnificent statue of Alexander Von Humboldt to Humboldt Park, which was named for him. This statue is one of the finest in the whole West Park system. Mr. Dewes, who gave it to the public, has been a resident of Chicago since 1868. He has always been noted for his artistic tastes and his beautiful residence on Wrightwood avenue bears evidence of it. The stone figures on its front which attract the attention of passers-by were the work of noted sculptors who carved them in their present position from great blocks of stone built into the house when it was erected.

Robert R. Jampolis would make a great judge.

Secretary of State Louis L. Emmerson is making a fine record and many friends by the able and efficient manner in which he conducts his great office.

Otto Rueter, the leader among Chicago real estate subdividers, has opened a new office at 32 North Dearborn street. It is encouraging to the real estate world as well as to the property owners and prospective buyers to see Mr. Rueter blazing the way to a big trade with the finest real estate office in Chicago on the ground floor of a big building on a prominent loop street.

Captain Henry Channon, the well known and highly respected president of the H. Channon Company, is one of the men who is always working to make Chicago greater. Captain Channon's public spirit, his natural energy and his great popularity make him a valuable man to any cause that he espouses.

The McAvoy Company is manufacturing a temperance drink that bids fair to become very popular. It is called "Alpha" and its strengthening and invigorating qualities are much praised. The McAvoy company is also producing de-alcoholized Malt Marrow, which is universally popular.

Judge Victor P. Arnold is making a fine record in the juvenile court.

Emanuel Weil has been connected with the New York Life Insurance Company for over twenty years. No insurance agent in the country is more popular with the public, or more loyal to his friends than Mr. Weil.

Dan W. Kaufman of the Congress, is one of the most popular hotel men in the country.

Charles H. Lamson is one of Chicago's greatest paving experts.

Elect Thomas A. Smyth a delegate to the constitutional convention.

## BUSINESS TOPICS

Care of the Feet.  
The LeGrand Foot Parlor.

The Le Grand Foot Parlor, located for many years at 1314 North Clark street, has removed its establishment to new and larger quarters at 1336 North Clark street, where better facilities for chiropody will be had. The present excellent service will also be greatly improved.

Madame Florencia A. T. Powella-Grier, who owns The Le Grand Foot Parlor at 1336 North Clark street, has for her patrons the best people on the North Side. She is the original Discoverer of Comparative Scientific Bloodless Chiropody. The Le Grand Foot Parlor has been at 1314 and 1348 North Clark street for over ten years.

Madame Powella-Grier, M. C., S. C. Doctor of Chiropody, successfully makes sore feet good. Sore feet are made Good Feet at the Le Grand Foot Parlor, 1336 N. Clark street. Telephone Superior 6991.

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